SEQUENCE LISTING

<110> HUANG, DOUG HUI

<120> COMPOSITIONS AND METHODS FOR TIGR GENOTYPING ASSAYS

<130> 034827-1401

<140> 10/017,870
<141> 2001-12-12

<160> 14

<170> PatentIn Ver. 2.1

<210> 1
<211> 32
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Primer

<400> 1
cgaatagagc cataaactca aagtggtaat aa   32

<210> 2
<211> 22
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Primer

<400> 2
ccgtattctt ggggtggcta ca   22

<210> 3
<211> 26
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Primer

<400> 3
ctcaaacctg ggagacaaac atccgt   26

<210> 4
<211> 35
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Primer

<400> 4
gactgctata agtacagcag catgattgac tacaa   35

<210> 5
<211> 40
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Primer

<400> 5
gcggtcccaa aagggtcagt gtatggtgtg tggatgcgag   40

<210> 6
<211> 40
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Primer

<400> 6
gcggtcccaa aagggtcagt aagttgtccc aggcaaagag   40

<210> 7
<211> 41
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Primer

<400> 7
gcggtcccaa aagggtcagt gcgaatagag ccataaactc a   41

<210> 8
<211> 40
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Primer

<400> 8
gcggtcccaa aagggtcagt atctggggaa ctcttctcag   40

<210> 9
<211> 1255
<212> DNA
<213> Homo sapiens

<400> 9

```
gatcattgtc tgtgtttgga aagattatgg attaagtggt gcttcgtttt ctttttctgaa 60
tttaccagga tgtggagaac tagtttgggt aggagagcct ctcacgctga gaacagcaga 120
aacaattact ggcaagtatg gtgtgtggat gcgagacccc aagcccacct acccctacac 180
ccaggagacc acgtggagaa tcgacacagt tggcacggat gtccgccagg ttttttgagta 240
tgacctcatc agccagttta tgcagggcta cccttctaag gttcacatac tgcctaggcc 300
actggaaagc acgggtgctg tggtgtactc ggggagcctc tatttccagg gcgctgagtc 360
cagaactgtc ataagatatg agctgaatac cgagacagtg aaggctgaga aggaaatccc 420
tggagctggc taccacggac agttcccgta ttcttggggt ggctacacgg acattgactt 480
ggctgtggat gaagcaggcc tctgggtcat ttacagcacc gatgaggcca aaggtgccat 540
tgtcctctcc aaactgaacc cagagaatct ggaactcgaa caaacctggg agacaaacat 600
ccgtaagcag tcagtcgcca atgccttcat catctgtggc accttgtaca ccgtcagcag 660
ctacacctca gcagatgcta ccgtcaactt tgcttatgac acaggcacag gtatcagcaa 720
gaccctgacc atcccattca agaaccgcta taagtacagc agcatgattg actacaaccc 780
cctggagaag aagctctttg cctgggacaa cttgaacatg gtcacttatg acatcaagct 840
ctccaagatg tgaaaagcct ccaagctgta caggcaatgg cagaaggaga tgctcagggc 900
tcctgggggg agcaggctga agggagagcc agccagccag ggcccaggca gctttgactg 960
ctttccaagt tttcattaat ccagaaggat gaacatggtc accatctaac tattcaggaa 1020
ttgtagtctg agggcgtaga caatttcata taataaatat cctttatctt ctgtcagcat 1080
ttatgggatg tttaatgaca tagttcaagt tttcttgtga tttggggcaa aagctgtaag 1140
gcataatagt ttcttcctga aaaccattgc tcttgcatgt tacatggtta ccacaagcca 1200
caataaaaag cataacttct aaaggaagca gaatagctcc tctggccagc atcga     1255
```


<210> 10
<211> 2800
<212> DNA
<213> Homo sapiens

<400> 10

```
agcgcagggg aggagaagaa aagagaggga tagtgtatga gcaagaaaga cagattcatt 60
caagggcagt gggaattgac cacagggatt atagtccacg tgatcctggg ttctaggagg 120
cagggctata ttgtgggggg aaaaaatcag ttcaagggaa gtcgggagac ctgatttcta 180
atactatatt tttcctttac aagctgagta attctgagca agtcacaagg tagtaactga 240
ggctgtaaga ttacttagtt tctccttatt aggaactctt tttctctgtg gagttagcag 300
cacaagggca atcccgtttc ttttaacagg aagaaaacat tcctaagagt aaagccaaac 360
agattcaagc ctaggtcttg ctgactatat gattggtttt ttgaaaaatc atttcagcga 420
tgtttactat ctgattcaga aaatgagact agtacccttt ggtcagctgt aaacaaacac 480
ccatttgtaa atgtctcaag ttcaggctta actgcagaac caatcaaata agaatagaat 540
ctttagagca aactgtgttt ctccactctg gaggtgagtc tgccagggca gtttggaaat 600
atttacttca caagtattga cactgttgtt ggtattaaca acataaagtt gctcaaaggc 660
aatcattatt tcaagtggct taaagttact tctgacagtt ttggtatatt tattggctat 720
tgccatttgc ttttttgtttt ttctcttttgg gtttattaat gtaaagcagg gattattaac 780
ctacagtcca gaaagcctgt gaatttgaat gaggaaaaaa ttacattttt gtttttacca 840
ccttctaact aaatttaaca ttttattcca ttgcgaatag agccataaac tcaaagtggt 900
aataacagta cctgtgattt tgtcattacc aatagaaatc acagacattt tatactatat 960
tacagttgtt gcagatacgt tgtaagtgaa atatttatac tcaaaactac tttgaaatta 1020
gacctcctgc tggatcttgt ttttaacata ttaataaaac atgtttaaaa ttttgatatt 1080
ttgataatca tatttcatta tcatttgttt cctttgtaat ctatatttta tatatttgaa 1140
aacatctttc tgagaagagt tccccagatt tcaccaatga ggttcttggc atgcacacac 1200
acagagtaag aactgattta gaggctaaca ttgacattgg tgcctgagat gcaagactga 1260
aattagaaag ttctcccaaa gatacacagt tgttttaaag ctaggggtga ggggggaaat 1320
ctgccgcttc tataggaatg ctctccctgg agcctggtag ggtgctgtcc ttgtgttctg 1380
gctggctgtt attttttctct gtccctgcta cgtcttaaag gacttgtttg gatctccagt 1440
tcctagcata gtgcctggca cagtgcaggt tctcaatgag tttgcagagt gaatggaaat 1500
ataaactaga aatatatcct tgttgaaatc agcacaccag tagtcctggt gtaagtgtgt 1560
gtacgtgtgt gtgtgtgtgt gtgtgtgtgt gtaaaaccag gtggagatat aggaactatt 1620
attggggtat gggtgcataa attgggatgt tcttttttaaa aagaaactcc aaacagactt 1680
```

```
ctggaaggtt attttctaag aatcttgctg gcagcgtgaa ggcaaccccc ctgtgcacag 1740
ccccacccag cctcacgtgg ccacctctgt cttcccccat gaagggctgg ctccccagta 1800
tatataaacc tctctggagc tcgggcatga gccagcaagg ccacccatcc aggcacctct 1860
cagcacagca gagctttcca gaggaagcct caccaagcct ctgcaatgag gttcttctgt 1920
gcacgttgct gcagctttgg gcctgagatg ccagctgtcc agctgctgct tctggcctgc 1980
ctggtgtggg atgtgggggc caggacagct cagctcagga aggccaatga ccagagtggc 2040
cgatgccagt ataccttcag tgtggccagt cccaatgaat ccagctgccc agagcagagc 2100
caggccatgt cagtcatcca taacttacag agagacagca gcacccaacg cttagacctg 2160
gaggccacca aagctcgact cagctccctg gagagcctcc tccaccaatt gaccttggac 2220
caggctgcca ggccccagga gacccaggag gggctgcaga gggagctggg caccctgagg 2280
cgggagcggg accagctgga aacccaaacc agagagttgg agactgccta cagcaacctc 2340
ctccgagaca agtcagttct ggaggaagag aagaagcgac taaggcaaga aaatgagaat 2400
ctggccagga ggttggaaag cagcagccag gaggtagcaa ggctgagaag gggccagtgt 2460
ccccagaccc gagacactgc tcgggctgtg ccaccaggct ccagagaagg taagaatgca 2520
gagtggggggg actctgagtt cagcaggtga tatggctcgt agtgacctgc tacaggcgct 2580
ccaggcctcc ctgcctgccc tttctcctag agactgcaca gctagcacaa gacagatgaa 2640
ttaaggaaag cacagcgatc accttcaagt attactagta atttagctcc tgagagcttc 2700
atttagatta gtggttcaga gttcttgtgc ccctccatgt cagttttcac agtccatagc 2760
aaaaggagaa ataaaaggac cgggtgagat gtgtctgcat                        2800
```

<210> 11
<211> 36
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
     oligonucleotide

<400> 11
```
ccggggtggt tggcgaaggc agtcccctgt gctgcc                           36
```

<210> 12
<211> 36
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
     oligonucleotide

<400> 12
```
ccggagtggt tggcgaaggc agtcccctgt gctgcc                           36
```

<210> 13
<211> 23
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
     oligonucleotide

<400> 13
```
aggtgactgc cttcgccaac cac                                         23
```

```
<210> 14
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
      oligonucleotide

<400> 14
aggtgactgc cttcgccaac cact                                    24
```